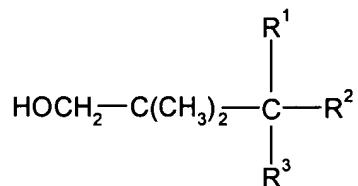


## Preparation of tetrahydrofuran copolymers

Abstract

The present invention relates to a process for the single-stage preparation of polyoxyalkylene glycols by copolymerization of THF and neopentyl glycol in the presence of a heteropolyacid, wherein the total amount of all impurities of the formula (I)



where  $R^1$  and  $R^2$  are each hydrogen when  $R^3$  is an oxyformyl or isopropionate radical,  $R^1$  is hydrogen and  $R^2$  is hydroxy when  $R^3$  is an isopropyl radical and  $R^1$  is hydrogen when  $R^2$  and  $R^3$  together form an  $-OCH_2-C(CH_3)-CH_2-$  radical,

in the neopentyl glycol is less than 1000 ppm.